

Product Data Sheet GWS4124AC840

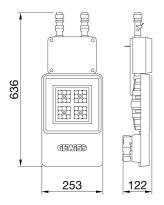
SMART [4]



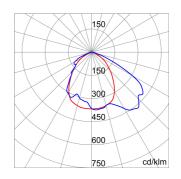
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with vent and anti-condensation device, heat dissipation device in aluminium alloy EN AB 44300. It is equipped with a dual optical system that includes a metallic reflector with ARRAY optics and a metallic reflector with UV stabilized PMMA lenses, with high efficiency, which allow a wide variety of light distributions 30°, 60°, 90°, Asymmetric and Elliptical. The version with through wiring has pre-wired mechanical and electrical connection components. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (3000K / 4000K / 5700K), Color Rendering Index CRI>80 and two power supply options (ON/OFF or DALI).

GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Context	Logistics and industrial manufacturing lighting	Optic	Asymmetrical
Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Application	Internal	Lumen	6900 (830 Em.)
		output (Im)	
Unique digital code (Datamatrix)	Datamatrix	Efficacy (Im/W)	144
Colour	Grey RAL 7035	Colour temperature	4000 K
Type of light source	LED	Colour Rendering Index	CRI>80
System	48 W (+5W Emerg.)	Standard Deviation Colour Matching	SDCM = 3
power			
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h	Photobiological Risk Class	RG0
Weight (kg)	5	Standard	EN 60598-2-22 ; EN 60598-1 ; EN 60598-2-24
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	-
Stocking temperature	-40 +70 °C	Supply voltage	220 - 240 V
Operating temperature	0 ÷ +40 °C	Rated frequency (Hz)	50/60 Hz
MATERIALS	-	Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10=100.000h Tq25°C/50.000h Tq40°C
Shield type	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Metallic PC reflector and PMMA lenses	Control System	1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)
Gasket	anti-aging silicone	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mounting and installation	Ceiling light - Suspension
External screw	Stainless steel	Tilt	
Colour	Grey RAL 7035	Wiring	With GW connect watertight connector
STANDARDS AND APPROVALS	-	Fixing	
Classification	-	Light souce replaceability	By professional
Device with reduced surface temperature	Yes	Controlgear replaceability	By professional
DIN 18032-3 certification	Available (under certain installation conditions)	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0,140 m²
Insulation class			
IP degree	IP65		
Mechanical resistance	IK08		_
Glow Wire Test	850 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION





Data, measures, designs and pictures are for information purpose only, last update 15/05/2024. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/it/en/company/landingpage/led-warranty. - 1 of 2



STANDARDS/APPROVALS

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